



Control Number: 46067



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DOCKET NO. 46067

APPLICATION OF QUADVEST, L.P. TO §
AMEND ITS CERTIFICATES OF §
CONVENIENCE AND NECESSITY IN §
MONTGOMERY COUNTY

PUBLIC UTILITY COMMISSION

RECEIVED
2016 SEP 2 AM 9:20
PUBLIC UTILITY COMMISSION
FILING CLERK

**QUADVEST LP RESPONSE TO PUC FIRST REQUEST FOR INFORMATION NOS.
STAFF 1-1 THROUGH STAFF 1-5**

- Staff 1-1 The waste water permit number provided in the application is related to a waste Water facility in Spring, Texas. The new development is located in Magnolia, Texas Please explain the discrepancy.
- Answer I don't know why your records show Spring, Texas but the permit I have in the Application clearly states the location and I have attached a copy.
- Staff 1-2 Please refer to bates pages 46 on the application. The waste water permit referred to There, WQ0014711001, expired on December 1, 2013. Please provide a current, Approved waste water permit.
- Answer Current Discharge Permit attached
- Staff 1-3 Please explain the need for correcting the existing Mostyn Manor CCN service area.
- Answer The map was a little off in the boundaries and we wanted to correct so it was accurate.
- Staff 1-4 Has the Applicant provided plans and specifications for the water and waste water Facilities to TCEQ for review and approval? If so, please provide the TCEQ Construction approval letters.
- Answer Mostyn Manor has existing water and wastewater plants and the new sections will be Connected to existing facilities.
- Staff 1-5 Please confirm if Rocky Creek Estates will provide water service to the proposed Area.
- Answer The system will be connected to the existing system at Mostyn Manor.

Yvette Castro
Quadvest LP
26926 FM 2978
Magnolia, TX 77354
Telephone: 281-356-5347
Fax: 281-356-5382



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
P.O. Box 13087
Austin, Texas 78711-3087

TPDES PERMIT NO. WQ0014711001
*[For TCEQ office use only - EPA I.D.
No. TX0128368]*

This is a renewal that replaces TPDES
Permit No. WQ0014711001 issued
March 07, 2011.

PERMIT TO DISCHARGE WASTES
under provisions of
Section 402 of the Clean Water Act
and Chapter 26 of the Texas Water Code

Quadvest, L.P.

whose mailing address is

P.O. Box 409
Tomball, Texas 77377

is authorized to treat and discharge wastes from the Mostym Manor Wastewater Treatment Facility,
SIC Code 4952

located at 40905 Community Road, Magnolia, approximately 4,000 feet north-northeast of the
intersection of Farm-to-Market Road 1488 and Community Road in Montgomery County, Texas 77354

directly to Lake Creek in Segment No. 1015 of the San Jacinto River Basin

only according with effluent limitations, monitoring requirements and other conditions set forth in this permit, as well as the rules of the Texas Commission on Environmental Quality (TCEQ), the laws of the State of Texas, and other orders of the TCEQ. The issuance of this permit does not grant to the permittee the right to use private or public property for conveyance of wastewater along the discharge route described in this permit. This includes, but is not limited to, property belonging to any individual, partnership, corporation or other entity. Neither does this permit authorize any invasion of personal rights nor any violation of federal, state, or local laws or regulations. It is the responsibility of the permittee to acquire property rights as may be necessary to use the discharge route.

This permit shall expire at midnight, **December 01, 2017**:

ISSUED DATE: November 26, 2013


For the Commission

INTERIM I EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Outfall Number 001

1. During the period beginning upon the date of issuance and lasting through the completion of expansion to the 0.16 million gallons per day (MGD) facilities, the permittee is authorized to discharge subject to the following effluent limitations:

The daily average flow of effluent shall not exceed 0.08 MGD; nor shall the average discharge during any two-hour period (2-hour peak) exceed 167 gallons per minute (gpm).

Effluent Characteristic	Discharge Limitations			Min. Self-Monitoring Requirements	
	Daily Avg mg/l (lbs/day)	7-day Avg mg/l	Daily Max mg/l	Single Grab mg/l	Report Daily Avg. & Max. Single Grab Measurement Frequency Sample Type
Flow, MGD	Report	N/A	Report	N/A	Five/week Instantaneous
Carbonaceous Biochemical Oxygen Demand (5-day)	10 (6.7)	15	25	35	One/week Grab
Total Suspended Solids	15 (10)	25	40	60	One/week Grab
Ammonia Nitrogen	3 (2)	6	10	15	One/week Grab
<i>E. coli</i> , CFU or MPN/100 ml	126	N/A	N/A	399	One/quarter Grab

2. The effluent shall contain a chlorine residual of at least 1.0 mg/l and shall not exceed a chlorine residual of 4.0 mg/l after a detention time of at least 20 minutes (based on peak flow), and shall be monitored five times per week by grab sample. An equivalent method of disinfection may be substituted only with prior approval of the Executive Director.
3. The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored once per month by grab sample.
4. There shall be no discharge of floating solids or visible foam in other than trace amounts and no discharge of visible oil.
5. Effluent monitoring samples shall be taken at the following location(s): Following the final treatment unit.
6. The effluent shall contain a minimum dissolved oxygen of 4.0 mg/l and shall be monitored once per week by grab sample.

Outfall Number 001

1. During the period beginning upon the date of completion to the 0.16 million gallons per day (MGD) and lasting through the completion of expansion to the 0.32 MGD facilities, the permittee is authorized to discharge subject to the following effluent limitations:

The daily average flow of effluent shall not exceed 0.16 MGD; nor shall the average discharge during any two-hour period (2-hour peak) exceed 333 gallons per minute (gpm).

Effluent Characteristic	Discharge Limitations			Min. Self-Monitoring Requirements	
	Daily Avg mg/l (lbs/day)	7-day Avg mg/l	Daily Max mg/l	Single Grab mg/l	Report Daily Avg. & Max. Single Grab Measurement Frequency Sample Type
Flow, MGD	Report	N/A	Report	N/A	Continuous Totalizing meter
Carbonaceous Biochemical Oxygen Demand (5-day)	10 (13)	15	25	35	One/week Grab
Total Suspended Solids	15 (20)	25	40	60	One/week Grab
Ammonia Nitrogen	3 (4)	6	10	15	One/week Grab
<i>E. coli</i> , CFU or MPN/100 ml	126	N/A	N/A	399	One/month Grab

2. The effluent shall contain a chlorine residual of at least 1.0 mg/l and shall not exceed a chlorine residual of 4.0 mg/l after a detention time of at least 20 minutes (based on peak flow), and shall be monitored five times per week by grab sample. An equivalent method of disinfection may be substituted only with prior approval of the Executive Director.
3. The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored once per month by grab sample.
4. There shall be no discharge of floating solids or visible foam in other than trace amounts and no discharge of visible oil.
5. Effluent monitoring samples shall be taken at the following location(s): Following the final treatment unit.
6. The effluent shall contain a minimum dissolved oxygen of 4.0 mg/l and shall be monitored once per week by grab sample.

FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Outfall Number 001

1. During the period beginning upon the completion of expansion to the 0.32 million gallons per day (MGD) facilities and lasting through the date of expiration, the permittee is authorized to discharge subject to the following effluent limitations:

The daily average flow of effluent shall not exceed 0.32 million gallons per day (MGD); nor shall the average discharge during any two-hour period (2-hour peak) exceed 667 gallons per minute (gpm).

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>			<u>Min. Self-Monitoring Requirements</u>	
	Daily Avg mg/l (lbs/day)	7-day Avg mg/l	Daily Max mg/l	Single Grab mg/l	Report Daily Avg. & Max. Single Grab Measurement Frequency Sample Type
Flow, MGD	Report	N/A	Report	N/A	Continuous Totalizing meter
Carbonaceous Biochemical Oxygen Demand (5-day)	10 (27)	15	25	35	One/week Grab
Total Suspended Solids	15 (40)	25	40	60	One/week Grab
Ammonia Nitrogen	3 (8)	6	10	15	One/week Grab
<i>E. coli</i> , CFU or MPN/100 ml	126	N/A	N/A	399	One/month Grab

2. The effluent shall contain a chlorine residual of at least 1.0 mg/l and shall not exceed a chlorine residual of 4.0 mg/l after a detention time of at least 20 minutes (based on peak flow), and shall be monitored five times per week by grab sample at each chlorination basin. An equivalent method of disinfection may be substituted only with prior approval of the Executive Director.
3. The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored once per month by grab sample.
4. There shall be no discharge of floating solids or visible foam in other than trace amounts and no discharge of visible oil.
5. Effluent monitoring samples shall be taken at the following location(s): Following the final treatment unit.
6. The effluent shall contain minimum dissolved oxygen of 4.0 mg/l and shall be monitored once per week by grab sample at each chlorination basin.

DEFINITIONS AND STANDARD PERMIT CONDITIONS

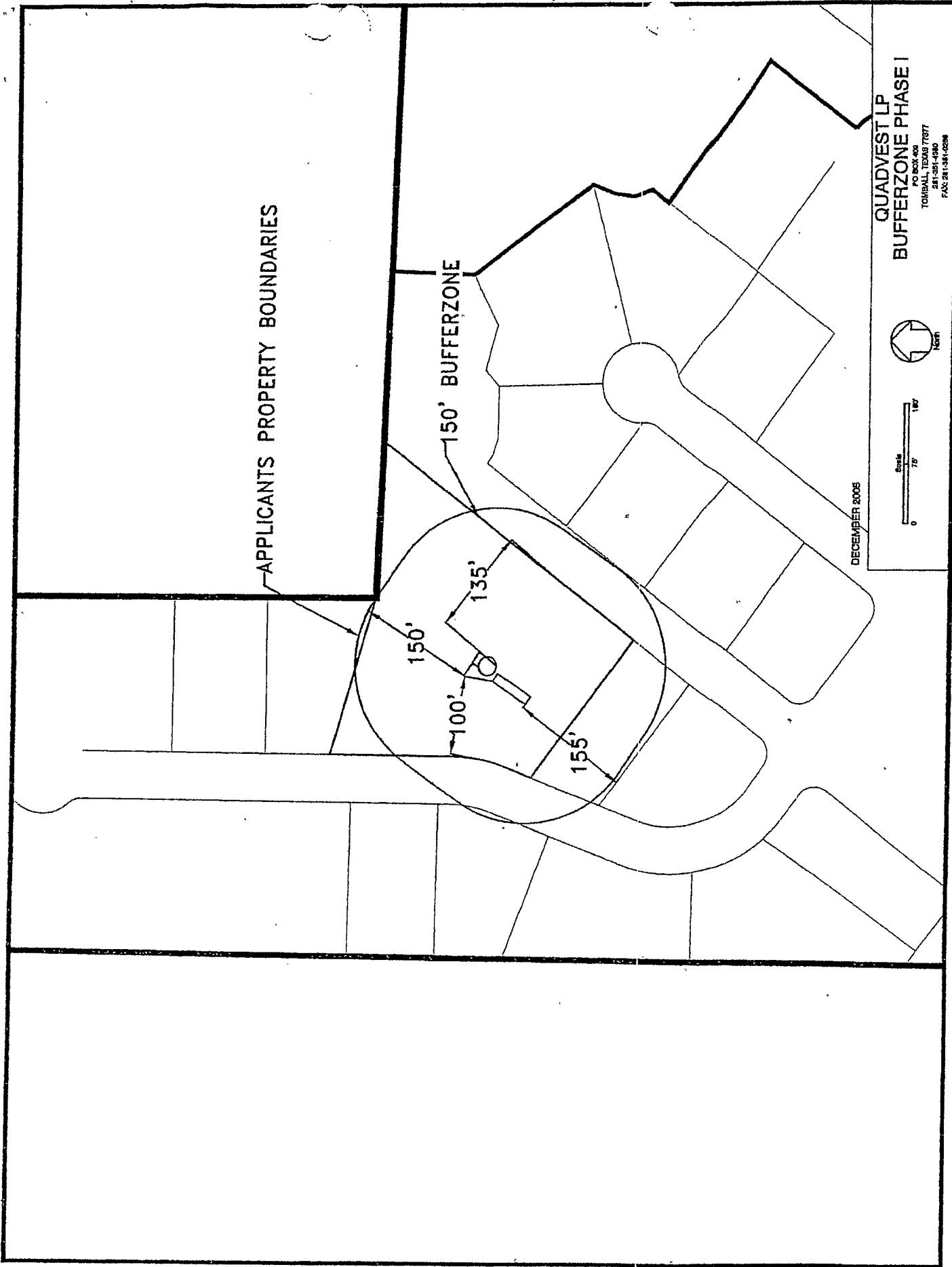
As required by Title 30 Texas Administrative Code (TAC) Chapter 305, certain regulations appear as standard conditions in waste discharge permits. 30 TAC § 305.121 - 305.129 (relating to Permit Characteristics and Conditions) as promulgated under the Texas Water Code (TWC) §§ 5.103 and 5.105, and the Texas Health and Safety Code (THSC) §§ 361.017 and 361.024(a), establish the characteristics and standards for waste discharge permits, including sewage sludge, and those sections of 40 Code of Federal Regulations (CFR) Part 122 adopted by reference by the Commission. The following text includes these conditions and incorporates them into this permit. All definitions in TWC § 26.001 and 30 TAC Chapter 305 shall apply to this permit and are incorporated by reference. Some specific definitions of words or phrases used in this permit are as follows:

1. Flow Measurements

- a. Annual average flow - the arithmetic average of all daily flow determinations taken within the preceding 12 consecutive calendar months. The annual average flow determination shall consist of daily flow volume determinations made by a totalizing meter, charted on a chart recorder and limited to major domestic wastewater discharge facilities with one million gallons per day or greater permitted flow.
- b. Daily average flow - the arithmetic average of all determinations of the daily flow within a period of one calendar month. The daily average flow determination shall consist of determinations made on at least four separate days. If instantaneous measurements are used to determine the daily flow, the determination shall be the arithmetic average of all instantaneous measurements taken during that month. Daily average flow determination for intermittent discharges shall consist of a minimum of three flow determinations on days of discharge.
- c. Daily maximum flow - the highest total flow for any 24-hour period in a calendar month.
- d. Instantaneous flow - the measured flow during the minimum time required to interpret the flow measuring device.
- e. 2-hour peak flow (domestic wastewater treatment plants) - the maximum flow sustained for a two-hour period during the period of daily discharge. The average of multiple measurements of instantaneous maximum flow within a two-hour period may be used to calculate the 2-hour peak flow.
- f. Maximum 2-hour peak flow (domestic wastewater treatment plants) - the highest 2-hour peak flow for any 24-hour period in a calendar month.

2. Concentration Measurements

- a. Daily average concentration - the arithmetic average of all effluent samples, composite or grab as required by this permit, within a period of one calendar month, consisting of at least four separate representative measurements.
 - i. For domestic wastewater treatment plants - When four samples are not available in a calendar month, the arithmetic average (weighted by flow) of all values in the previous four consecutive month period consisting of at least four measurements shall be utilized as the daily average concentration.



APPLICANTS PROPERTY BOUNDARIES

150' BUFFERZONE

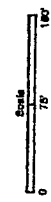
150'

135'

100'

155'

DECEMBER 2005



QUADVEST LP
BUFFERZONE PHASE I

PO BOX 493
TOMBALL, TEXAS 77077
281-351-4340
FAX: 281-351-0298

APPLICANTS PROPERTY BOUNDARIES

150' BUFFERZONE

150'

126'

100'

155'

DECEMBER 2005



QUADVEST LP
BUFFERZONE PHASE II
PO BOX 408
TOMBALL, TEXAS 77377
281-331-4300
FAC 281-331-0246

APPLICANTS PROPERTY BOUNDARIES

150' BUFFERZONE

150'

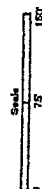
100'

94'

155'

QUADVEST LP
BUFFERZONE PHASE III

70-5354-49
TOWN OF
201-531-4380
FAX: 201-531-0289



DECEMBER 2005